

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091219\
 Data File : VU034544.D
 Acq On : 13 Sep 2019 00:35
 Operator : JC/SP
 Sample : K4756-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09D-M27W1-090319

Quant Time: Sep 13 08:28:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

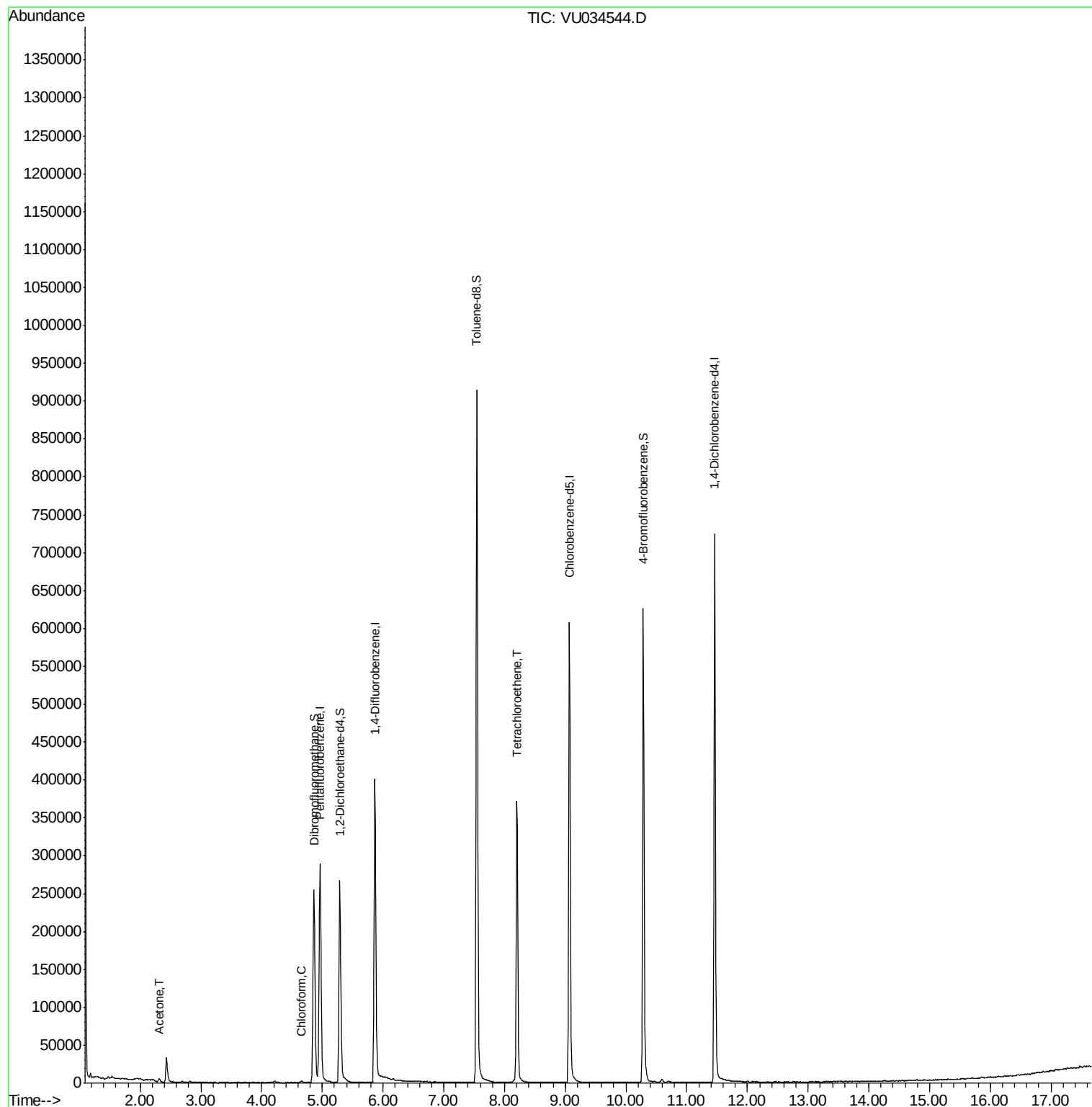
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	238630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	356394	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	370811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	215055	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	208234	57.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.34%	
35) Dibromofluoromethane	4.86	113	181015	54.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.16%	
50) Toluene-d8	7.55	98	648706	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	10.29	95	217503	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
Target Compounds						
16) Acetone	2.31	43	4389	2.349	ug/l	100
30) Chloroform	4.66	83	2765	0.471	ug/l #	83
64) Tetrachloroethene	8.21	164	93019	28.915	ug/l	98

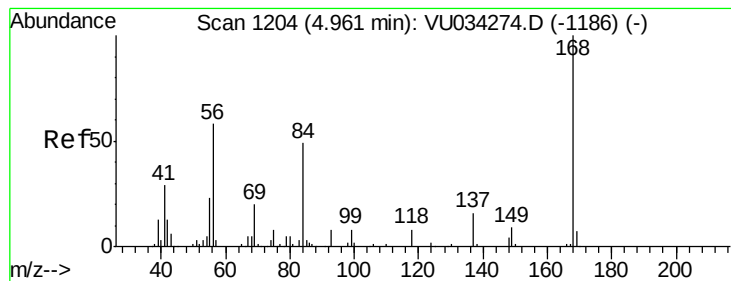
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

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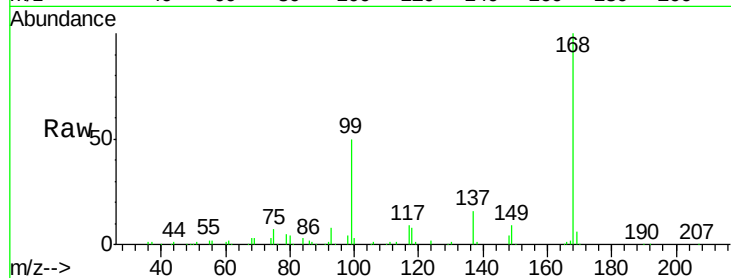
CPA-CPMW09D-M27W1-090319

Tot Ion:168 Resp: 238630

Ion Ratio Lower Upper

168 100

99 50.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

100000

80000

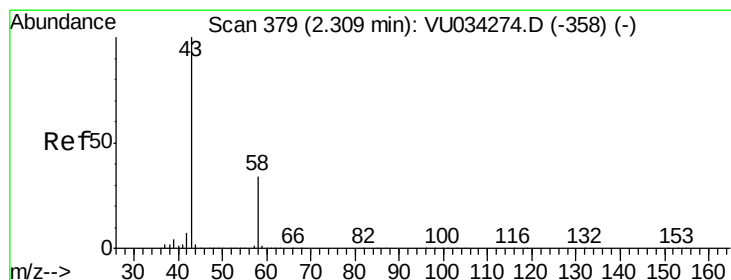
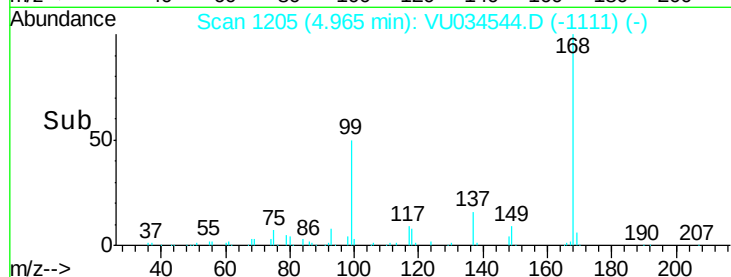
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.349 ug/l

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034544.D

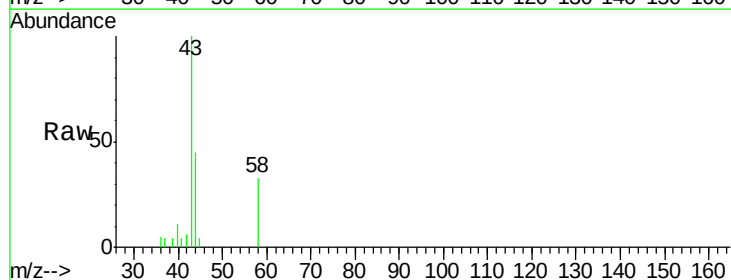
Acq: 13 Sep 2019 00:35

Tgt Ion: 43 Resp: 4389

Ion Ratio Lower Upper

43 100

58 34.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VU034274.D (-358) (-)

Ion 58.00 (57.70 to 58.70): VU034274.D (-358) (-)

2.31

3000

2500

2000

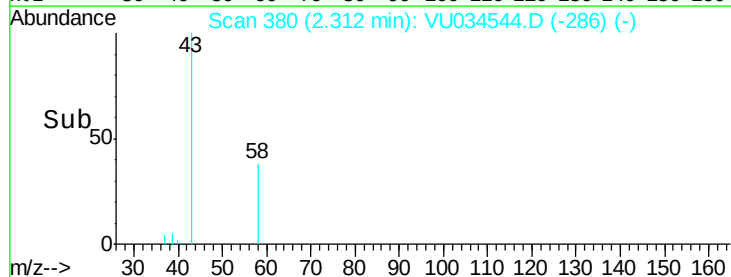
1500

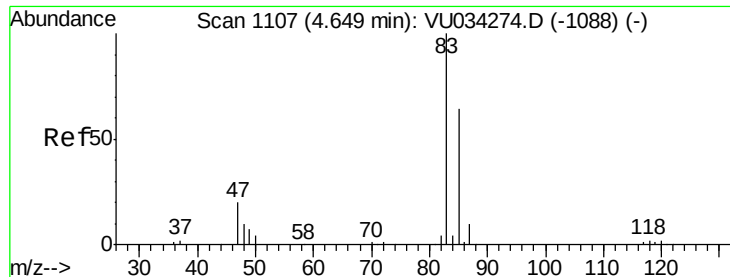
1000

500

0

Time-->

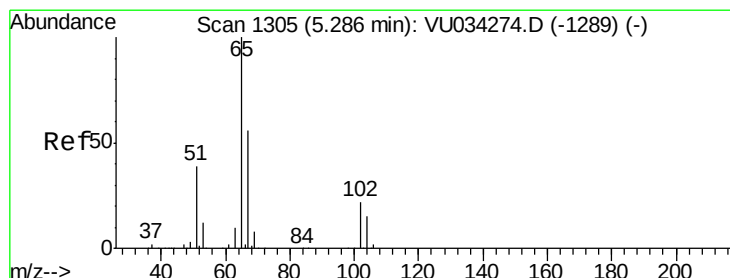
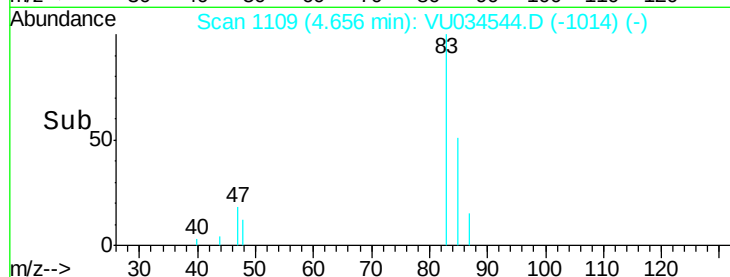
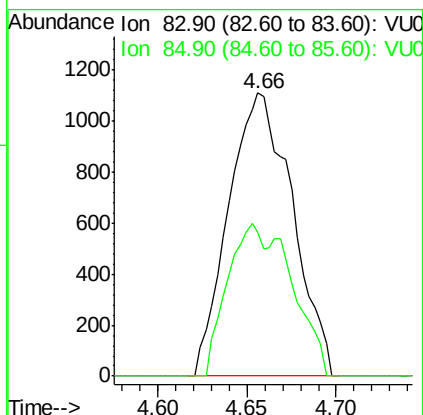
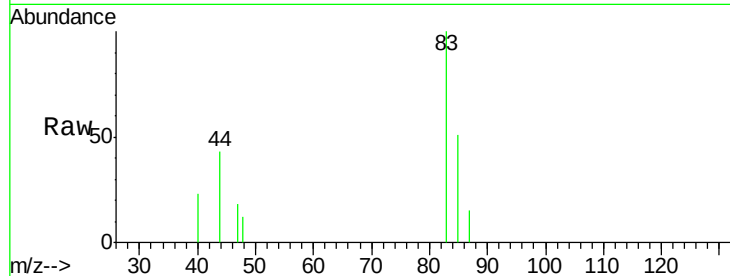




#30
Chloroform
Concen: 0.471 ug/l
RT: 4.66 min Scan# 1109
Delta R.T. 0.01 min
Lab File: VU034544.D
Acq: 13 Sep 2019 00:35

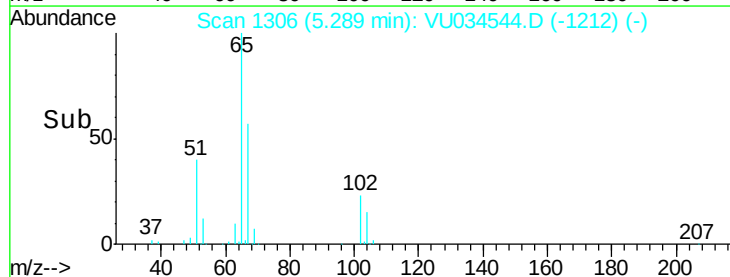
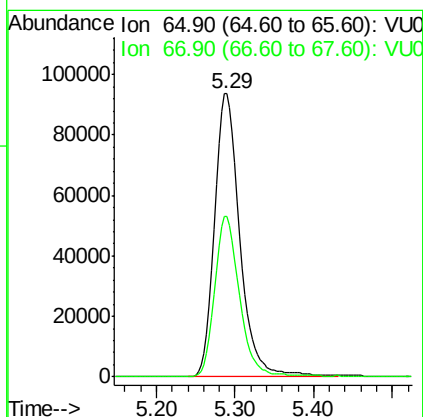
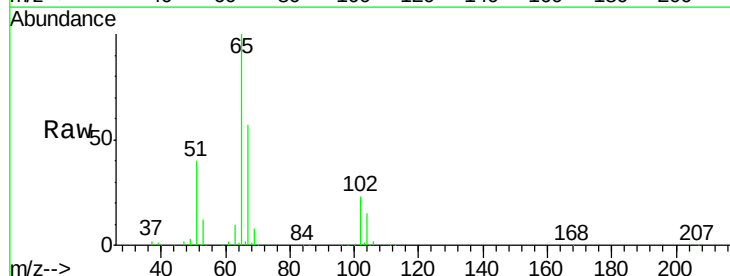
Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW09D-M27W1-090319

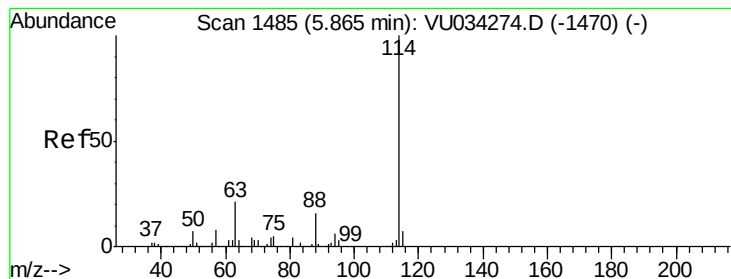
Tot Ion: 83 Resp: 2765
Ion Ratio Lower Upper
83 100
85 50.9 51.5 77.3#



#33
1,2-Dichloroethane-d4
Concen: 57.674 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034544.D
Acq: 13 Sep 2019 00:35

Tgt Ion: 65 Resp: 208234
Ion Ratio Lower Upper
65 100
67 54.7 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034544.D

Acq: 13 Sep 2019 00:35

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09D-M27W1-090319

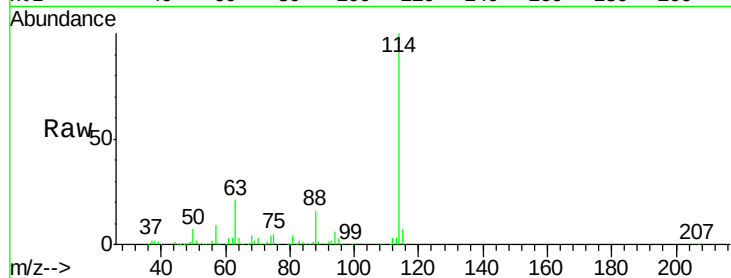
Tot Ion:114 Resp: 356394

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

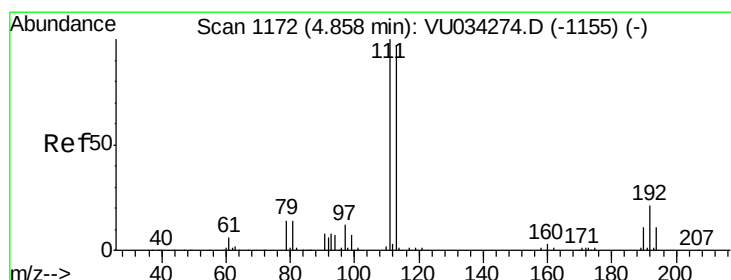
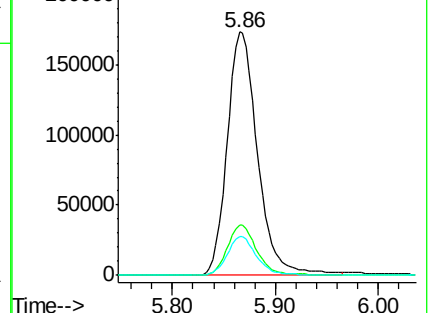
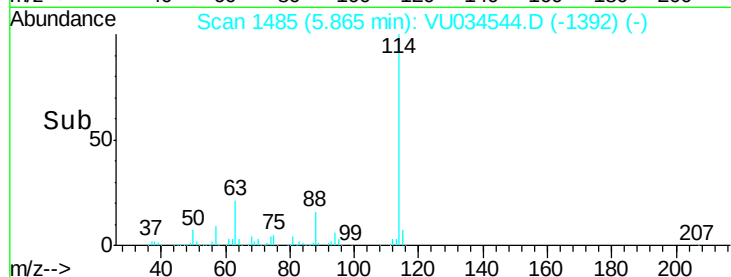
88 16.0 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 54.584 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034544.D

Acq: 13 Sep 2019 00:35

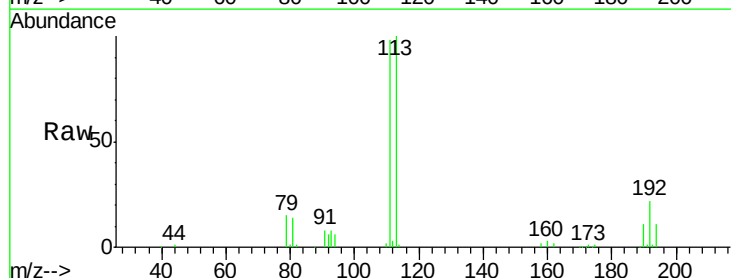
Tgt Ion:113 Resp: 181015

Ion Ratio Lower Upper

113 100

111 101.3 81.5 122.3

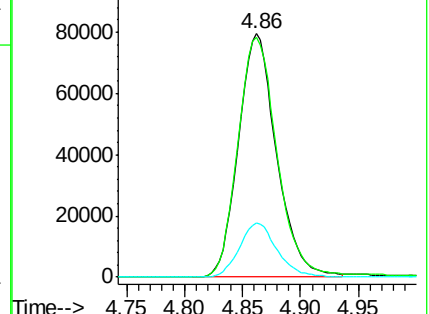
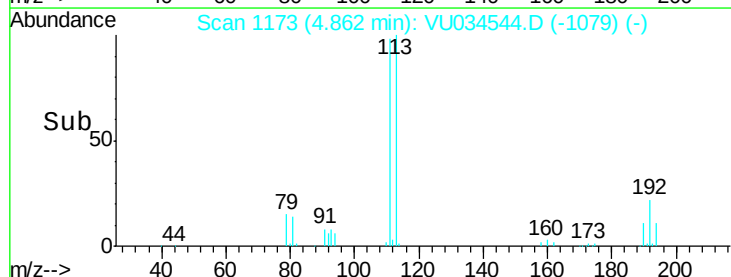
192 21.9 17.8 26.8

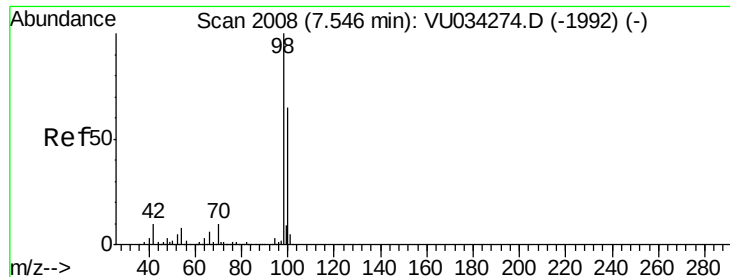


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

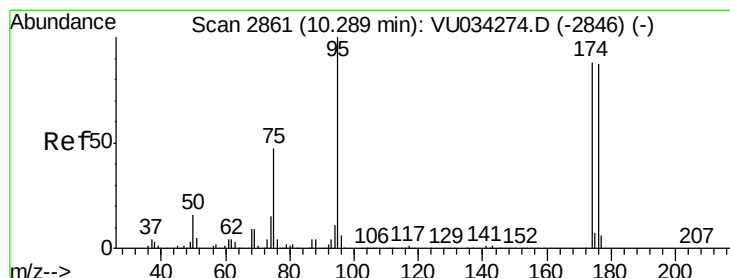
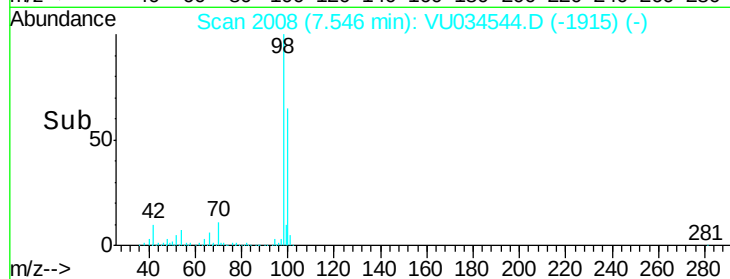
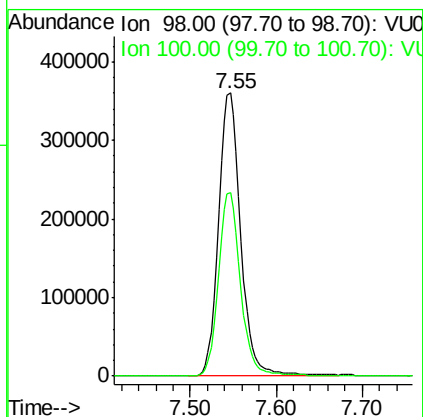
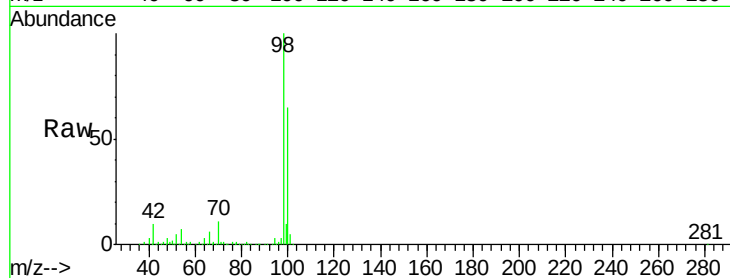




#50
Toluene-d8
Concen: 52.066 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034544.D
Acq: 13 Sep 2019 00:35

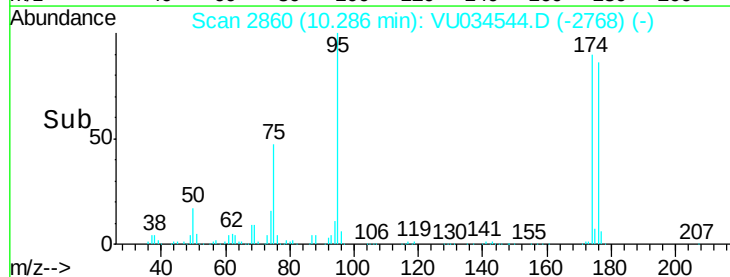
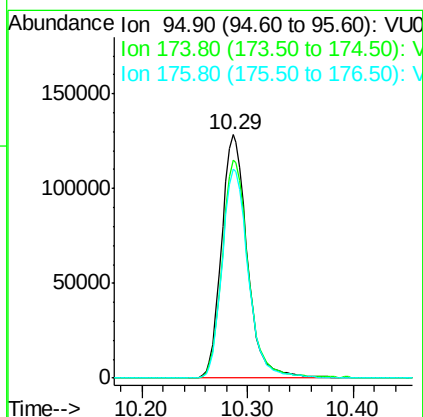
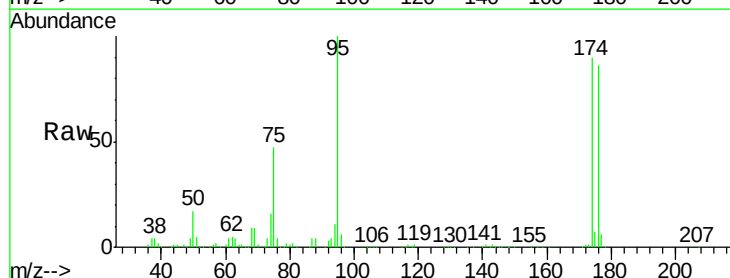
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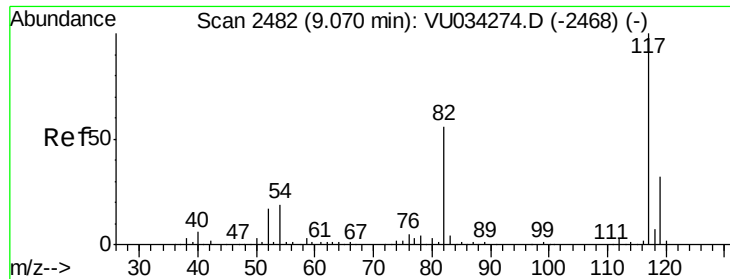
Tot Ion: 98 Resp: 648706
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.215 ug/l
RT: 10.29 min Scan# 2860
Delta R.T. -0.00 min
Lab File: VU034544.D
Acq: 13 Sep 2019 00:35

Tgt Ion: 95 Resp: 217503
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.2
176 86.8 0.0 168.0

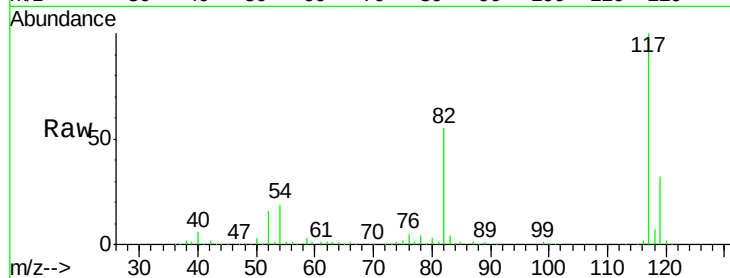




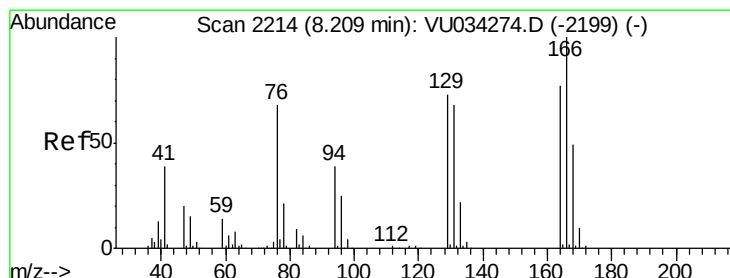
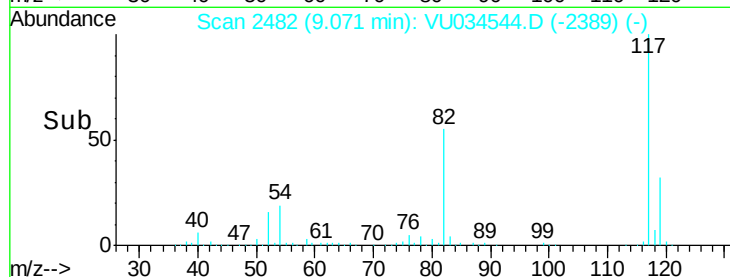
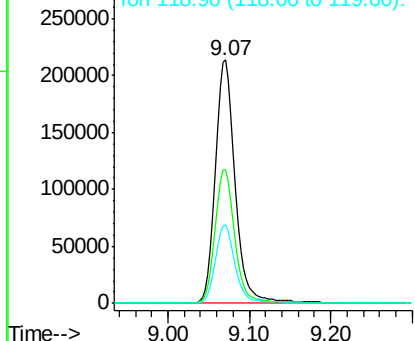
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034544.D
Acq: 13 Sep 2019 00:35

Instrument :
MSVOA_U
ClientSampleId :
CPA-CPMW09D-M27W1-090319

Tot Ion:117 Resp: 370811
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.2 25.9 38.9

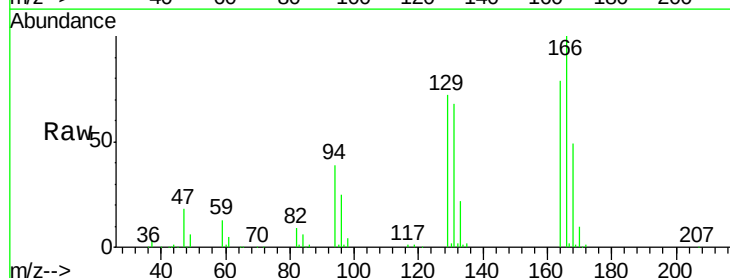


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

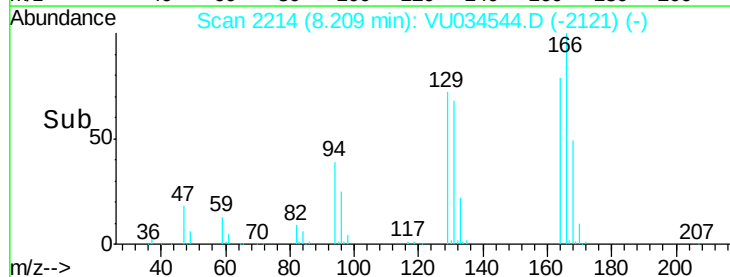
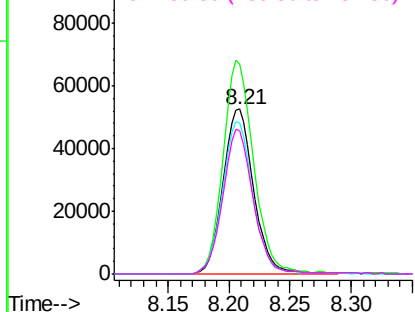


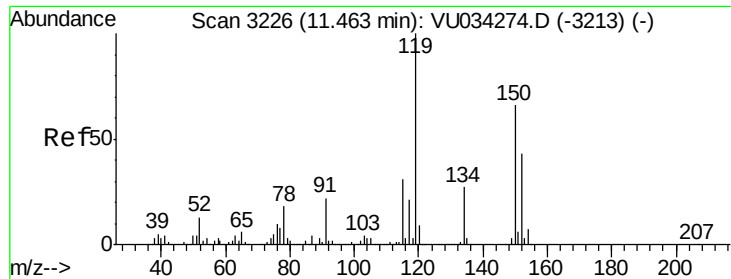
#64
Tetrachloroethene
Concen: 28.915 ug/l
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU034544.D
Acq: 13 Sep 2019 00:35

Tgt Ion:164 Resp: 93019
Ion Ratio Lower Upper
164 100
166 127.2 103.7 155.5
129 91.3 75.8 113.8
131 86.9 70.7 106.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.46 min Scan# 3226

Delta R.T. 0.00 min

Lab File: VU034544.D

Acq: 13 Sep 2019 00:35

Instrument :

MSVOA_U

ClientSampleId :

CPA-CPMW09D-M27W1-090319

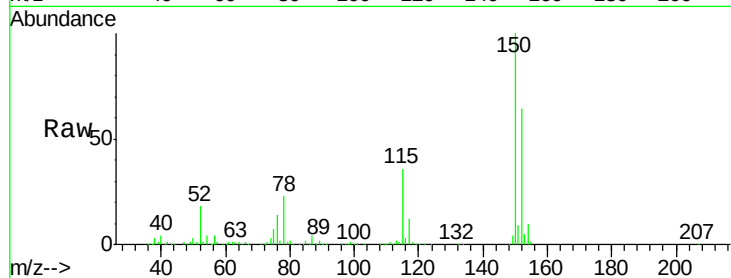
Tot Ion:152 Resp: 215055

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.3

150 155.5 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

